



## Fortinet Supported RFCs

FortiAnalyzer, FortiMail, FortiManager, FortiOS 5.6.3, FortiSwitch, and FortiWeb

VERSION 5.6.3



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Wednesday, January 24, 2018

Supported RFCs for FortiOS 5.6

FortiAnalyzer, FortiMail, FortiManager, FortiOS 5.6.1, FortiSwitch, and FortiWeb

# What's new in FortiOS 5.6

## New RFCs (5.6.3)

The following RFCs are now supported by FortiOS 5.6.3 or the support for these RFCs has been enhanced in FortiOS 5.6.3:

- [RFC 7627](#) Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension (443870)

## New RFCs (5.6.1)

The following RFCs are now supported by FortiOS 5.6.1 or the support for these RFCs has been enhanced in FortiOS 5.6.1:

- [RFC 6954](#) Using the Elliptic Curve Cryptography (ECC) Brainpool Curves for the Internet Key Exchange Protocol Version 2 (IKEv2) (412795)
- [RFC 6106](#) IPv6 Router Advertisement Options for DNS Configuration (399406)
- [RFC 4787](#) Network Address Translation (NAT) Behavioral Requirements for Unicast UDP (408875)
- Improved enforced secure-renegotiation checks support for [RFC 5746](#) Transport Layer Security (TLS) Renegotiation Indication Extension (422133)
- [RFC 7627](#) Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension (422133)

## New RFCs (5.6)

The following RFCs are now supported by FortiOS 5.6 or the support for these RFCs has been enhanced in FortiOS 5.6:

- [RFC 7427](#) Signature Authentication in the Internet Key Exchange Version 2 (IKEv2) (389001)
- [RFC 7348](#) Virtual eXtensible Local Area Network (VXLAN) or VTEP (289354)
- [RFC 5996](#) ([section 2.15](#)) IKEv2 asymmetric authentication (393073)
- [RFC 6106](#) IPv6 Router Advertisement Options for DNS (399406)
- [RFC 7383](#) Internet Key Exchange Protocol Version 2 (IKEv2) Message Fragmentation (371241)
- [RFC 3971](#) IPv6 Secure Neighbor Discovery (SEND) (355946)
- [RFC 6023](#) Childless IKEv2 Initiation (381650)

# FortiAnalyzer

## RFC 2665

**Description:**

Ethernet-like MIB parts that apply to FortiAnalyzer units.

**Category:**

FortiAnalyzer

**Webpage:**

<http://tools.ietf.org/html/rfc2665>

## RFC 1918

**Description:**

Address Allocation for Private Internets.

**Category:**

FortiAnalyzer

**Webpage:**

<http://tools.ietf.org/html/rfc1918>

## RFC 1213

**Description:**

MIB II parts that apply to FortiAnalyzer units.

**Category:**

FortiAnalyzer

**Webpage:**

<http://tools.ietf.org/html/rfc1213>

# FortiMail

For a complete list of FortiMail's supported RFCs and standards, refer to FortiMail documentation at <http://docs.fortinet.com/fortimail/admin-guides>.

Download the FortiMail Administration Guide for your release and navigate to "Appendix A: Supported RFCs".

# FortiManager

## RFC 3414

**Description:**

User-Based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3414>

**NOTE:** FortiOS 4.0 MR1 adds the SNMPv3 snmp EngineID value defined in RFC3414. For more details please see the "FortiGate™ version 4.0 MR1 Administration Guide".

## RFC 2665

**Description:**

Ethernet-like MIB parts that apply to FortiManager units.

**Category:**

FortiManager (SNMP)

**Webpage:**

<http://tools.ietf.org/html/rfc2665>

## RFC 1213

**Description:**

MIB II parts that apply to FortiManager units.

**Category:**

FortiManager (SNMP)

**Webpage:**

<http://tools.ietf.org/html/rfc1213>

## Notes

RFC support for SNMP v3 includes Architecture for SNMP Frameworks (as described in [RFC 3411](#)). Generic Fortinet traps : ColdStart, WarmStart, LinkUp, LinkDown (as described in [RFC 1215](#)).

# FortiOS

## RFC 3021

**Description:**

Using 31-Bit Prefixes on IPv4 Point-to-Point Links.

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc3021>

## RFC 3596

**Description:**

DNS Extensions to support IPv6.

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc3596>

## RFC 3971

**Description:**

IPv6 SEcure Neighbor Discovery (SEND) (355946)

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc3971>

## RFC 4007

**Description:**

IPv6 Scoped Address Architecture.



**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc4007>

**RFC 4193****Description:**

Unique Local IPv6 Unicast Addresses (111971).

**Category:**

Informational

**Webpage:**

<http://tools.ietf.org/html/rfc4193>

**RFC 4787****Description:**

Network Address Translation (NAT) Behavioral Requirements for Unicast UDP (408875).

**Category:**

Best Current Practice

**Webpage:**

<http://tools.ietf.org/html/rfc4787>

**RFC 5996 (Obsoleted)****Description:**

IKEv2 asymmetric authentication (393073).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc5996>

**Obsoleted by:**

RFC 7296

## RFC 6023

**Description:**

Childless IKEv2 Initiation (381650).

**Category:**

Experimental

**Webpage:**

<http://tools.ietf.org/html/rfc6023>

## RFC 6066

**Description:**

Transport Layer Security (TLS) Extensions: Extension Definitions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6066>

**Obsoletes:**

RFC 4366

## RFC 6093

**Description:**

On the Implementation of the TCP Urgent Mechanism.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6093>

**Updates:**

RFC 793, RFC 1011, RFC 1122

## RFC 6101

**Description:**

The Secure Sockets Layer (SSL) Protocol version 3.0.

**Category:**

System (SSL)

**Webpage:**

<http://tools.ietf.org/html/rfc6101>

## RFC 6106

**Description:**

IPv6 Router Advertisement Options for DNS (399406 | 266061).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc6106>

**Obsoletes:**

RFC 5006

## RFC 6146

**Description:**

Stateful NAT64: Network Address and Protocol Translation from IPv6 Clients to IPv4 Servers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6146>

## RFC 6147

**Description:**

DNS64: DNS Extensions for Network Address Translation from IPv6 Clients to IPv4 Servers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6147>

## RFC 6176

**Description:**

Prohibiting Secure Sockets Layer (SSL) version 2.0.

**Category:**

System (SSL)

**Webpage:**

<http://tools.ietf.org/html/rfc6176>

**Updates:**

RFC 5246, RFC 4346, RFC 2246

## RFC 6195

**Description:**

On the Implementation of the TCP Urgent Mechanism.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6195>

**Updates:**

RFC 793, RFC 1011, RFC 1122

## RFC 6290

**Description:**

A Quick Crash Detection Method for the Internet Key Exchange Protocol (IKE) (298970).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc6290>

## RFC 6298

**Description:**

Computing TCP's Retransmission Timer.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6298>

**Obsoletes:**

RFC 2988

**Updates:**

RFC 1122

## RFC 6343

**Description:**

Advisory Guidelines for 6to4 Deployment.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6343>

## RFC 6347

**Description:**

Datagram Transport Layer Security version 1.2.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6347>

**Obsoletes:**

RFC 4347

## RFC 6423

**Description:**

Using the Generic Associated Channel Label for Pseudowire in the MPLS Transport Profile (MPLS-TP).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6423>

**Updates:**

RFC 5586

## RFC 6424

**Description:**

Mechanism for Performing Label Switched Path Ping (LSP Ping) over MPLS Tunnels.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6424>

**Updates:**

RFC 4379

## RFC 6425

**Description:**

Detecting Data-Plane Failures in Point-to-Multipoint MPLS - Extensions to LSP Ping.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6425>

**Updates:**

RFC 4379

## RFC 6426

**Description:**

MPLS On-Demand Connectivity Verification and Route Tracing.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6426>

**Updates:**

RFC 4379

**RFC 6633****Description:**

Deprecation of ICMP Source Quench Messages.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6633>

**Updates:**

RFC 792, RFC 1122, RFC 1812

**RFC 6604****Description:**

xNAME RCODE and Status Bits Clarification.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6604>

**Updates:**

RFC 1035, RFC 2308, RFC 2672

**RFC 6691****Description:**

TCP Options and Maximum Segment Size (MSS).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6691>

## RFC 6829

**Description:**

Label Switched Path (LSP) Ping for Pseudowire Forwarding Equivalence Classes (FECs) Advertised over IPv6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6829>

**Updates:**

RFC 4379

## RFC 6845

**Description:**

OSPF Hybrid Broadcast and Point-to-Multipoint Interface Type.

**Category:**

OSPF

**Webpage:**

<http://tools.ietf.org/html/rfc6845>

**Updates:**

RFC 2328, RFC 5340

## RFC 6860

**Description:**

Hiding Transit-Only Networks in OSPF.

**Category:**

OSPF

**Webpage:**

<http://tools.ietf.org/html/rfc6860>

**Updates:**

RFC 2328, RFC 5340



## RFC 6864

**Description:**

Updated Specification of the IPv4 ID Field.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6864>

**Updates:**

RFC 791, RFC 1122, RFC 2003

## RFC 6888

**Description:**

Common Requirements for Carrier-Grade NATs (CGNs).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc6888>

## RFC 6895

**Description:**

Domain Name System (DNS) IANA Considerations.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6895>

**Obsoletes:**

RFC 6195

**Updates:**

RFC 1183, RFC 2845, RFC 2930, RFC 3597

## RFC 6954

**Description:**

Using the Elliptic Curve Cryptography (ECC) Brainpool Curves for the Internet Key Exchange Protocol Version 2 (IKEv2) (412795).

**Category:**

Informational

**Webpage:**

<http://tools.ietf.org/html/rfc6954>

## RFC 6918

**Description:**

Formally Deprecating Some ICMPv4 Message Types.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6918>

**Obsoletes:**

RFC 1788

**Updates:**

RFC 792, RFC 950

## RFC 6989

**Description:**

Additional Diffie-Hellman Tests for the Internet Key Exchange Protocol version 2 (IKEv2).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc6989>

## RFC 7026

**Description:**

Retiring TLVs from the Associated Channel Header of the MPLS Generic Associated Channel.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc7026>

**Updates:**

RFC 5586

## RFC 7027

**Description:**

Elliptic Curve Cryptography (ECC) Brainpool Curves for Transport Layer Security (TLS).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc7027>

**Updates:**

RFC 4492

## RFC 7296

**Description:**

IKEv2 asymmetric authentication (393073).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc7296>

**Updates:**

RFC 5996, RFC 4306

## RFC 7348

**Description:**

Virtual eXtensible Local Area Network VXLAN) or VTEP (289354).

**Category:**

Informational

**Webpage:**

<http://tools.ietf.org/html/rfc7348>

**RFC 7383****Description:**

Internet Key Exchange Protocol Version 2 (IKEv2) Message Fragmentation (371241).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc7383>

**RFC 7427****Description:**

Signature Authentication in the Internet Key Exchange Version 2 (IKEv2) (389001).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc7427>

**RFC 7539****Description:**

ChaCha20 and Poly1305 for IETF Protocols (264785).

**Category:**

Informational

**Webpage:**

<http://tools.ietf.org/html/rfc7539>

**RFC 7627****Description:**

Transport Layer Security (TLS) Session Hash and Extended Master Secret Extension (443870).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc7627>

## RFC 5936

**Description:**

DNS Zone Transfer Protocol (AXFR).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5936>

**Updates:**

RFC 1034, RFC 1035

## RFC 5952

**Description:**

A Recommendation for IPv6 Address Text Representation.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5952>

**Obsoletes:**

RFC 4291

## RFC 5998

**Description:**

An Extension for EAP-Only Authentication in IKEv2).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5998>

## RFC 5884

**Description:**

Bidirectional Forwarding Detection (BFD) for MPLS Label Switched Paths (LSPs).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5884>

**Updates:**

RFC 1122

## RFC 5881

**Description:**

Bidirectional Forwarding Detection (BFD) for IPv4 and IPv6 (Single Hop).

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc5881>

## RFC 5880

**Description:**

Bidirectional Forwarding Detection.

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc5880>

## RFC 5798

**Description:**

Virtual Router Redundancy Protocol (VRRP) version 3 for IPv4 and IPv6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5798>

**Obsoletes:**

RFC 3768

## RFC 5746

**Description:**

Transport Layer Security (TLS) Renegotiation Indication Extension.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5746>

**Updates:**

RFC 5246, RFC 4366, RFC 4347, RFC 4346, RFC 2246

## RFC 5723

**Description:**

Internet Key Exchange Protocol Version 2 (IKEv2) Session Resumption (289914).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/search/rfc5723>

## RFC 5709

**Description:**

OSPFv2 HMAC-SHA Cryptographic Authentication.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/search/rfc5709>

**Updates:**

RFC 2328

**RFC 5586 (Updated)****Description:**

MPLS Generic Associated Channel.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/search/rfc5586>

**Updates:**

RFC 3032, RFC 4385, RFC 5085

**Updated by:**

[RFC 6423](#), [RFC 7026](#)

**RFC 5462****Description:**

Multiprotocol Label Switching (MPLS) Label Stack Entry: "EXP" Field Renamed to "Traffic Class" Field.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/search/rfc5462>

**Updates:**

RFC 3032, RFC 3270, RFC 3272, RFC 3443, RFC 3469, RFC 3564, RFC 3985, RFC 4182, RFC 4364, RFC 4448, RFC 4761, RFC 5129

**RFC 5395 (Obsoleted)****Description:**

Domain Name System (DNS) IANA Considerations.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)



**Webpage:**

<http://tools.ietf.org/html/rfc5395>

**Obsoletes:**

RFC 2929

**Updates:**

RFC 1183, RFC 3597

**Obsoleted by:**

[RFC 6195](#)

## RFC 5357

**Description:**

A Two-Way Active Measurement Protocol (TWAMP)

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5357>

## RFC 5340 (Updated)

**Description:**

OSPF for IPv6.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc5340>

**Obsoletes:**

RFC 2740

**Updated by:**

[RFC 6845](#), [RFC 6860](#)

## RFC 5332

**Description:**

MPLS Multicast Encapsulations.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5332>

**Updates:**

RFC 3032, RFC 4023

## RFC 5310

**Description:**

IS-IS Generic Cryptographic Authentication.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc5310>

## RFC 5308

**Description:**

Routing IPv6 with IS-IS.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc5308>

## RFC 5246

**Description:**

The Transport Layer Security (TLS) Protocol version 1.2.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5246>

**Obsoletes:**

RFC 3268, RFC 4346, RFC 4366

**Updates:**

RFC 4492

## RFC 5280

**Description:**

Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc5280>

**Obsoletes:**

RFC 3280, RFC 4325, RFC 4630

## RFC 5214

**Description:**

Intra-Site Automatic Tunnel Addressing Protocol (ISATAP).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5214>

**Obsoletes:**

RFC 4214

## RFC 5177

**Description:**

Network Mobility (NEMO) Extensions for Mobile IPv4 (249570).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc5177>

## RFC 5176

**Description:**

Dynamic Authorization Extensions to Remote Authentication Dial In User Service (RADIUS) (239028).

**Category:**

Informational

**Webpage:**

<http://tools.ietf.org/html/rfc5176>

**Obsoletes:**

RFC 3576

## RFC 5175

**Description:**

IPv6 Router Advertisement Flags Option.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5175>

**Obsoletes:**

RFC 5075

## RFC 5129 (Updated)

**Description:**

Explicit Congestion Marking in MPLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5129>

**Updated by:**

[RFC 5462](#)

## RFC 5095

**Description:**

Deprecation of Type 0 Routing Headings in IPv6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc5095>

**Updates:**

RFC 2460, RFC 4294

## RFC 5059

**Description:**

Bootstrap Router (BSR) Mechanism for Protocol Independent Multicast (PIM).

**Category:**

Router (PIM)

**Webpage:**

<http://tools.ietf.org/search/rfc5059>

**Updates:**

RFC 4601

## RFC 4966

**Description:**

Reasons to Move the Network Address Translator - Protocol Translator (NAT-PT) to Historic Status.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4966>

**Obsoletes:**

RFC 2766

## RFC 4960

**Description:**

Stream Control Transmission Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4960>

**Obsoletes:**

RFC 2960, RFC 3309

## RFC 4941

**Description:**

Privacy Extensions for Stateless Address Autoconfiguration in IPv6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4941>

**Obsoletes:**

RFC 3041

## RFC 4893

**Description:**

BGP Support for Four-octet AS Number Space.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc4893>

## RFC 4884

**Description:**

Extended ICMP to Support Multi-Part Messages.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4884>

**Updates:**

RFC 792, RFC 4443

## RFC 4862

**Description:**

IPv6 Stateless Address Auto-configuration.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4862>

**Obsoletes:**

RFC 2462

## RFC 4861

**Description:**

Neighbor Discovery for IP version 6 (IPv6).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4861>

**Obsoletes:**

RFC 2461

## RFC 4822

**Description:**

RIPv2 Cryptographic Authentication.

**Category:**

Router (RIP)

**Webpage:**

<http://tools.ietf.org/html/rfc4822>

## RFC 4813

**Description:**

OSPF Link-Local Signaling.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc4813>

## RFC 4812

**Description:**

OSPF Restart Signaling.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc4812>

## RFC 4811

**Description:**

OSPF Out-of-Band Link State Database (LSDB) Resynchronization.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc4811>

## RFC 4784

**Description:**

Verizon Wireless Dynamic Mobile IP Key Update for cdma2000® Networks.

**Category:**

Wireless



**Webpage:**

<http://tools.ietf.org/html/rfc4784>

**RFC 4761 (Updated)****Description:**

Virtual Private LAN Service (VPLS) Using BGP for Auto-Discovery and Signaling.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4761>

**Updated by:**

RFC 5462

**RFC 4754****Description:**

IKE and IKEv2 Authentication Using the Elliptic Curve Digital Signature Algorithm (ECDSA) (0206110).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc4754>

**RFC 4724****Description:**

Graceful Restart Mechanism for BGP.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc4724>

**RFC 4718 (Obsoleted)****Description:**

IKEv2 Clarifications and Implementation Guidelines.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4718>

**Obsoleted by:**

RFC 5996

## RFC 4684

**Description:**

Constrained Route Distribution for Border Gateway Protocol/MultiProtocol Label Switching (BGP/MPLS) Internet Protocol (IP) Virtual Private Networks (VPNs).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4684>

**Updates:**

RFC 4364

## RFC 4681

**Description:**

TLS User Mapping Extension.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4681>

**Updates:**

RFC 4346

## RFC 4680

**Description:**

TLS Handshake Message for Supplemental Data.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4680>

**Updates:**

RFC 4346

## RFC 4635

**Description:**

HMAC SHA TSIG Algorithm Identifiers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4635>

## RFC 4632

**Description:**

Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan (BCP0122).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4632>

## RFC 4630 (Obsoleted)

**Description:**

Update to Directory String Processing in the Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc4630>

**Obsoleted by:**

[RFC 5280](#)

## RFC 4604

**Description:**

Using Internet Group Management Protocol version 3 (IGMPv3) and Multicast Listener Discovery Protocol version 2 (MLDv2) for Source-Specific Multicast.

**Category:**

Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc4604>

**Updates:**

RFC 3376

## RFC 4604

**Description:**

Using Internet Group Management Protocol version 3 (IGMPv3) and Multicast Listener Discovery Protocol version 2 (MLDv2) for Source-Specific Multicast.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4604>

## RFC 4601 (Updated)

**Description:**

Protocol Independent Multicast - Sparse Mode (PIM-SM): Protocol Specification (Revised).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)  
Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc4601>

**Obsoletes:**

RFC 2362

**Updated by:**

[RFC 5059](#)

## RFC 4592

**Description:**

The Role of Wildcards in the Domain Name System.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4592>

**Updates:**

RFC 1034, RFC 2672

## RFC 4577

**Description:**

OSPF as the Provider/Customer Edge Protocol for BGP/MPLS IP Virtual Private Networks (VPNs).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)  
Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc4577>

**Updates:**

RFC 4364

## RFC 4513

**Description:**

Lightweight Directory Access Protocol (LDAP): Authentication Methods and Security Mechanisms.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc4513>

## RFC 4512

**Description:**

Lightweight Directory Access Protocol (LDAP): Directory Information Models.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc4512>

## RFC 4511

**Description:**

Lightweight Directory Access Protocol (LDAP): The Protocol.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc4511>

## RFC 4492 (Updated)

**Description:**

Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4492>

**Updated by:**

[RFC 5246](#), [RFC 7027](#)

## RFC 4478

**Description:**

Repeated Authentication in Internet Key Exchange (IKEv2) Protocol.

**Category:**

Experimental

**Webpage:**

<http://tools.ietf.org/html/rfc4478>

## RFC 4470

**Description:**

Minimally Covering NSEC Records and DNSSEC On-line Signing.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4470>

**Updates:**

RFC 4034, RFC 4035

## RFC 4456

**Description:**

BGP Route Reflection: An Alternative to Full Mesh Internal BGP (IBGP).

**Category:**

Router (BGP)  
Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc4456>

**Obsoletes:**

RFC 2796

## RFC 4448 (Updated)

**Description:**

Encapsulation Methods for Transport of Ethernet over MPLS Networks.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4448>

**Updated by:**

[RFC 5462](#)

## RFC 4443

**Description:**

Internet Control Message Protocol (ICMPv6) for the Internet Protocol version 6 (IPv6) Specification.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4443>

**Obsoletes:**

RFC 2463

**Updates:**

RFC 2780

## RFC 4380

**Description:**

Teredo: Tunneling IPv6 over UDP through Network Address Translations (NATs).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4380>

## RFC 4379 (Updated)

**Description:**

Detecting Multi-Protocol Label Switched (MPLS) Data Plane Failures.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)  
Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc4379>

**Updated by:**

[RFC 5462](#), [RFC 6424](#), [RFC 6425](#), [RFC 6426](#), [RFC 6829](#)

**Updates:**

RFC 1122



## RFC 4366 (Obsoleted) (Updated)

**Description:**

Transport Layer Security (TLS) Extensions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4366>

**Obsoleted by:**

[RFC 5246](#), [RFC 6066](#)

**Obsoletes:**

[RFC 3546](#)

**Updated by:**

[RFC 5746](#)

**Updates:**

[RFC 4346](#)

## RFC 4364 (Updated)

**Description:**

BGP/MPLS IP Virtual Private Networks (VPNs).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4364>

**Obsoletes:**

[RFC 2547](#)

**Updated by:**

[RFC 4577](#), [RFC 4684](#), [RFC 5462](#)

## RFC 4361

**Description:**

Node-specific Client Identifiers for Dynamic Host Configuration Protocol version Four (DHCPv4).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4361>

**Updates:**

RFC 2131, RFC 2132, RFC 3315

## RFC 4360

**Description:**

BGP Extended Communities Attribute.

**Category:**

Router Internal BGP (IBGP)  
VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc4360>

**Updates:**

RFC 3280

## RFC 4347 (Obsoleted) (Updated)

**Description:**

Datagram Transport Layer Security.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4347>

**Obsoleted by:**

[RFC 6347](#)

**Updated by:**

[RFC 5746](#)

## RFC 4346 (Obsoleted) (Updated)

**Description:**

The Transport Layer Security (TLS) Protocol version 1.1.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4346>

**Obsoleted by:**

[RFC 5246](#)

**Obsoletes:**

[RFC 2246](#)

**Updated by:**

[RFC 4366](#), [RFC 4680](#), [RFC 4681](#), [RFC 5746](#), [RFC 6176](#)

**RFC 4325 (Obsoleted)****Description:**

Internet X.509 Public Key Infrastructure Authority Information Access Certificate Revocation List (CRL) Extension.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc4325>

**Obsoleted by:**

[RFC 5280](#)

**Updates:**

[RFC 3280](#)

**RFC 4306 (Obsoleted)****Description:**

Internet Key Exchange (IKEv2) Protocol (support for route-based VPNs only).

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc4306>

**Obsoleted by:**

[RFC 5996](#), [RFC 7296](#)

## RFC 4304

**Description:**

Extended Sequence Number (ESN) Addendum to IPsec Domain of Interpretation (DOI) for Internet Security Association and Key Management Protocol (ISAKMP).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc4304>

## RFC 4303

**Description:**

IP Encapsulating Security Payload (ESP) (255144).

**Category:**

Standards Track

**Webpage:**

<https://tools.ietf.org/html/rfc4303>

**Obsoletes:**

RFC 2406

## RFC 4301

**Description:**

Security Architecture for the Internet Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)  
VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc4301>

**Obsoletes:**

RFC 2401

## RFC 4293

**Description:**

Management Information Base for the Internet Protocol (IP) (mandatory functionality supported).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc4293>

## RFC 4291 (Obsoleted)

**Description:**

IP version 6 Addressing Architecture.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4291>

**Obsoletes:**

RFC 3513

**Obsoleted by:**

[RFC 5952](#)

## RFC 4273

**Description:**

Definitions of Managed Objects for BGP-4 (168927).

**Category:**

Standards Track (MIB)

**Webpage:**

<https://tools.ietf.org/html/rfc4273>

## RFC 4271

**Description:**

A Border Gateway Protocol 4 (BGP-4).

**Category:**

Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc4271>

## RFC 4251

**Description:**

The Secure Shell (SSH) Protocol Architecture.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4251>

## RFC 4213

**Description:**

Basic Transition Mechanisms for IPv6 Hosts and Routers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4213>

**Obsoletes:**

RFC 2893

## RFC 4203

**Description:**

OSPF Extensions in Support of Generalized Multi- Protocol Label Switching (GMPLS).

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc4203>

**Updates:**

RFC 3630

## RFC 4182 (Updated)

**Description:**

Removing a Restriction on the use of MPLS Explicit NULL.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4182>

**Updated by:**

[RFC 5462](#)

**Updates:**

RFC 3032

## RFC 4133

**Description:**

Entity MIB (version 3).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc4133>

## RFC 4113

**Description:**

Management Information Base for the User Datagram Protocol (UDP).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc4113>

## RFC 4106

**Description:**

The Use of Galois/Counter Mode (GCM) in IPsec Encapsulating Security Payload (ESP).

**Category:**

Standards Track (IPsec)

**Webpage:**

<https://tools.ietf.org/html/rfc4106>

**RFC 4035 (Updated)****Description:**

Protocol Modifications for the DNS Security Extensions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4035>

**Obsoletes:**

RFC 2535, RFC 3008, RFC 3090, RFC 3445, RFC 3655, RFC 3658, RFC 3755, RFC 3757, RFC 3845

**Updates:**

RFC 1034, RFC 1035, RFC 2136, RFC 2181, RFC 2308, RFC 3225, RFC 3007, RFC 3597, RFC 3226

**Updated by:**

[RFC 4470](#), [RFC 6014](#), [RFC 6840](#)

**RFC 4034 (Updated)****Description:**

Resource Records for the DNS Security Extensions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4034>

**Obsoletes:**

RFC 2535, RFC 3008, RFC 3090, RFC 3445, RFC 3655, RFC 3658, RFC 3755, RFC 3757, RFC 3845

**Updates:**

RFC 1034, RFC 1035, RFC 2136, RFC 2181, RFC 2308, RFC 3225, RFC 3007, RFC 3597, RFC 3226



**Updated by:**

[RFC 4470](#), [RFC 6014](#), [RFC 6840](#), [RFC 6944](#)

**RFC 4033 (Updated)****Description:**

DNS Security Introduction and Requirements.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc4033>

**Obsoletes:**

[RFC 2535](#), [RFC 3008](#), [RFC 3090](#), [RFC 3445](#), [RFC 3655](#), [RFC 3658](#), [RFC 3755](#), [RFC 3757](#), [RFC 3845](#)

**Updates:**

[RFC 1034](#), [RFC 1035](#), [RFC 2136](#), [RFC 2181](#), [RFC 2308](#), [RFC 3225](#), [RFC 3007](#), [RFC 3597](#), [RFC 3226](#)

**Updated by:**

[RFC 6014](#), [RFC 6840](#)

**RFC 4022****Description:**

Management Information Base for the Transmission Control Protocol (TCP) (partial support only).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc4022>

**RFC 3985 (Updated)****Description:**

Pseudo Wire Emulation Edge-to-Edge (PWE3) Architecture.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3985>

**Updated by:**

RFC 5462

## RFC 3973

**Description:**

Protocol Independent Multicast - Dense Mode (PIM-DM): Protocol Specification (Revised).

**Category:**

Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc3973>

## RFC 3971

**Description:**

SEcure Neighbor Discovery (SEND).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3971>

## RFC 3960

**Description:**

Early Media and Ringing Tone Generation in the Session Initiation Protocol (SIP).

**Category:**

Sessions Initiate Protocol (SIP)

**Webpage:**

<http://tools.ietf.org/html/rfc3960>

## RFC 3956

**Description:**

Embedding the Rendezvous Point (RP) Address in an IPv6 Multicast Address.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3956>

## RFC 3948

**Description:**

UDP Encapsulation of IPsec ESP Packets.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3948>

## RFC 3947

**Description:**

Negotiation of NAT-Traversal in the IKE.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3947>

## RFC 3927

**Description:**

Dynamic Configuration of IPv4 Link-Local Addresses.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3927>

## RFC 3845 (Obsoleted)

**Description:**

DNS Security (DNSSEC) NextSECure (NSEC) RDATA Format.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3845>

**Updates:**

RFC 2535

**Obsoleted by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#)

**RFC 3768 (Obsoleted)****Description:**

Virtual Router Redundancy Protocol (VRRP).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3768>

**Obsoleted by:**

[RFC 5798](#)

**RFC 3757 (Obsoleted)****Description:**

Domain Name System KEY (DNSKEY) Resource Record (RR) Secure Entry Point (SEP) Flag.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3757>

**Updates:**

RFC 2535

**Obsoleted by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#)

## RFC 3736

**Description:**

Stateless Dynamic Host Configuration protocol (DHCP) Service for IPv6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3736>

## RFC 3715

**Description:**

IPsec-Network Address Translation (NAT) Compatibility Requirements.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3715>

## RFC 3706

**Description:**

A Traffic-Based Method of Detecting Dead Internet Key Exchange (IKE) Peers.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3706>

## RFC 3655 (Obsoleted)

**Description:**

Redefinition of DNS Authenticated Data (AD) bit.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3655>

**Updates:**

RFC 2535

**Obsoleted by:**

RFC 4033, RFC 4034, RFC 4035

**RFC 3635****Description:**

Definitions of Managed Objects for the Ethernet-like Interface Types.

**Category:**

SNMP

**Webpage:**<http://tools.ietf.org/html/rfc3635>**RFC 3633****Description:**

IPv6 Prefix Options for Dynamic Host Configuration Protocol (DHCP) version 6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**<http://tools.ietf.org/html/rfc3633>**RFC 3630 (Updated)****Description:**

Traffic Engineering (TE) Extensions to OSPF version 2.

**Category:**

Router (OSPF)

**Webpage:**<http://tools.ietf.org/html/rfc3630>**Updated by:**

RFC 4203

## RFC 3623

**Description:**

Graceful OSPF Restart From IETF Draft, OSPF Hitless Restart.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc3623>

## RFC 3602

**Description:**

The AES-CBC Cipher Algorithm and Its Use With IPsec.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3602>

## RFC 3597 (Updated)

**Description:**

Handling of Unknown DNS Resource Record (RR) Types.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3597>

**Updated by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#), [RFC 5395](#), [RFC 6195](#), [RFC 6895](#)

## RFC 3587

**Description:**

IPv6 Global Unicast Address Format.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3587>

**RFC 3567****Description:**

Intermediate System to Intermediate System (IS-IS) Cryptographic Authentication.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc3567>

**RFC 3564 (Updated)****Description:**

Requirements for Support of Differentiated Services-aware MPLS Traffic Engineering.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3564>

**Updated by:**

RFC 5462

**RFC 3546 (Obsoleted)****Description:**

Transport Layer Security (TLS) Extensions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3546>

**Obsoleted by:**

RFC 4366

**Updates:**

RFC 2246



## RFC 3526

**Description:**

More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE).

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3526>

## RFC 3513 (Obsoleted)

**Description:**

Internet Protocol version 6 Address Architecture.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3513>

**Obsoleted by:**

RFC 4291

## RFC 3509

**Description:**

Alternative Implementations of OSPF Area Border Routers.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc3509>

## RFC 3494

**Description:**

Lightweight Directory Access Protocol version 2 (LDAPv2) to Historic Status.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc3494>

**RFC 3493****Description:**

Basic Socket Interface Extensions for IPv6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3493>

**RFC 3484****Description:**

Default Address Selection for Internet Protocol version 6 (IPv6).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3484>

**RFC 3469 (Updated)****Description:**

Framework for Multi-Protocol Label Switching (MPLS)-based Recovery.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3469>

**Updated by:**

[RFC 5462](#)

**RFC 3456****Description:**

Dynamic Host Configuration Protocol (DHCPv4) Configuration of IPsec Tunnel Mode.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3456>

**RFC 3445 (Obsoleted)****Description:**

Limiting the Scope of the KEY Resource Record (RR).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3443>

**Obsoleted by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#)

**Updates:**

[RFC 2535](#)

**RFC 3443 (Updated)****Description:**

Time To Live (TTL) Processing in Multi-Protocol Label Switching (MPLS) Networks.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3443>

**Updated by:**

[RFC 5462](#)

**Updates:**

[RFC 3032](#)

**RFC 3435****Description:**

Media Gateway Control Protocol (MGCP) version 1.0.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3435>

## RFC 3417

**Description:**

Transport Mappings for the Simple Network Management Protocol (SNMP) (STD0062) (UDP only).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3417>

## RFC 3416

**Description:**

version 2 of the Protocol Operations for the Simple Network Management Protocol (SNMP) (STD0062) (no support for modification values via SNMP).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3417>

## RFC 3414

**Description:**

User-Based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3414>

**NOTE:** FortiOS 4.0 MR1 adds the SNMPv3 snmp EngineID value defined in RFC3414. For more details please see the "FortiGate™ version 4.0 MR1 Administration Guide".

## RFC 3413

**Description:**

Simple Network Management Protocol (SNMP) Applications.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3413>

## RFC 3412

**Description:**

Message Processing and Dispatching for the Simple Network Management Protocol (SNMP).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3412>

## RFC 3411

**Description:**

An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3411>

## RFC 3410

**Description:**

Introduction and Applicability Statements for Internet Standard Management Framework.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc3410>

## RFC 3392

**Description:**

Capabilities Advertisement with BGP-4.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc3392>

**Obsoletes:**

RFC 2842

## RFC 3376 (Updated)

**Description:**

Internet Group Management Protocol, version 3.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3376>

**Updated by:**

[RFC 4604](#)

## RFC 3359

**Description:**

Reserved Type, Length and Value (TLV) Codepoints in Intermediate System to Intermediate System.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc3359>

## RFC 3325

**Description:**

Private Extensions to the Session Initiation Protocol (SIP) for Asserted Identity within Trusted

Networks.

**Category:**

Sessions Initiate Protocol (SIP)

**Webpage:**

<http://tools.ietf.org/html/rfc3325>

## RFC 3315

**Description:**

Dynamic Host Configuration Protocol for IPv6 (DHCPv6).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3315>

## RFC 3306

**Description:**

Unicast-Prefix-based IPv6 Multicast Addresses.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3306>

## RFC 3280 (Updated)

**Description:**

Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3280>

**Obsoletes:**

RFC 2459

**Updated by:**

[RFC 4325](#), [RFC 4360](#)

**RFC 3272 (Updated)****Description:**

Overview and Principles of Internet Traffic Engineering.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3272>

**Updated by:**

[RFC 5462](#)

**RFC 3270 (Updated)****Description:**

Multi-Protocol Label Switching (MPLS) Support of Differentiated Services.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3270>

**Updated by:**

[RFC 5462](#)

**RFC 3262****Description:**

Reliability of Provisional Responses in the Session Initiation Protocol (SIP).

**Category:**

Sessions Initiate Protocol (SIP)

**Webpage:**

<http://tools.ietf.org/html/rfc3262>



## RFC 3261

**Description:**

SIP: Session Initiation Protocol.

**Category:**

Sessions Initiate Protocol (SIP)

**Webpage:**

<http://tools.ietf.org/html/rfc3261>

**Obsoletes:**

RFC 2543

## RFC 3260

**Description:**

SIP: Session Initiation Protocol.

**Category:**

Sessions Initiate Protocol (SIP)

**Webpage:**

<http://tools.ietf.org/html/rfc3260>

**Updates:**

RFC 2597, RFC 2475, RFC 2474

## RFC 3226 (Updated)

**Description:**

DNSSEC and IPv6 A6 aware server/resolver message size requirements.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3226>

**Updates:**

RFC 2874, RFC 2535

**Updated by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#)

## RFC 3168

**Description:**

SIP: Session Initiation Protocol.

**Category:**

Sessions Initiate Protocol (SIP)

**Webpage:**

<http://tools.ietf.org/html/rfc3168>

**Obsoletes:**

RFC 2481

**Updates:**

RFC 2474, RFC 2401, RFC 793

## RFC 3232

**Description:**

Assigned Numbers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3232>

## RFC 3101

**Description:**

The OSPF Not-So-Stubby Area (NSSA) Option.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc3101>

## RFC 3090 (Obsoleted) (Updated)

**Description:**

DNS Security Extension Clarification on Zone Status.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3090>

**Updated by:**

RFC 3658

**Obsoleted by:**

RFC 4033, RFC 4034, RFC 4035

## RFC 3065

**Description:**

Autonomous System Confederations for BGP.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc3065>

## RFC 3056

**Description:**

Connection of IPv6 Domains via IPv4 Clouds.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3056>

## RFC 3053

**Description:**

IPv6 Tunnel Broker.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3053>

## RFC 3032 (Updated)

**Description:**

MPLS Label Stack Encoding.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3032>

**Updated by:**

[RFC 3443](#), [RFC 4182](#), [RFC 5332](#), [RFC 3270](#), [RFC 5129](#), [RFC 5462](#), [RFC 5586](#)

## RFC 3022

**Description:**

Traditional IP Network Address Translator (Traditional NAT).

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc3022>

**Obsoletes:**

[RFC 1631](#)

## RFC 3008 (Obsoleted) (Updated)

**Description:**

Domain Name System Security (DNSSEC) Signing Authority.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3008>

**Obsoleted by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#)

**Updates:**

[RFC 2535](#)

**Updated by:**[RFC 3658](#)**RFC 3007 (Updated)****Description:**

Secure Domain Name System (DNS) Dynamic Update.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc3007>

**Obsoletes:**

RFC 2137

**Updates:**

RFC 2535, RFC 2136

**Updated by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#)

**RFC 2988 (Obsoleted)****Description:**

Computing TCP's Retransmission Timer.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2988>

**Obsoleted by:**

[RFC 6298](#)

**RFC 2986****Description:**

PKCS #10: Certification Request Syntax Specification version 1.7.

**Category:**

Cryptography (VPN)

**Webpage:**

<http://tools.ietf.org/html/rfc2986>

**RFC 2979****Description:**

Behaviour of and Requirements for Internet Firewalls.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2979>

**RFC 2918****Description:**

Route Refresh Capability for BGP-4.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc2918>

**RFC 2908****Description:**

The Internet Multicast Address Allocation Architecture.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2908>

**RFC 2894****Description:**

Router Renumbering for IPv6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2894>

## RFC 2893

**Description:**

Transition Mechanism for IPv6 Hosts and Routers.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc2893>

**Obsoletes:**

RFC 1933

## RFC 2890

**Description:**

Key and Sequence Number Extensions to GRE.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2890>

## RFC 2866

**Description:**

RADIUS Accounting.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc2866>

## RFC 2863

**Description:**

The Interfaces Group MIB.

**Category:**

SNMP

**Webpage:**<http://tools.ietf.org/html/rfc2863>**RFC 2858****Description:**

Multiprotocol Extensions for BGP-4.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**<http://tools.ietf.org/html/rfc2858>**RFC 2845 (Updated)****Description:**

Secret Key Transaction Authentication for DNS (TSIG).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**<http://tools.ietf.org/html/rfc2845>**Updated by:**[RFC 3645](#), [RFC 4635](#), [RFC 6895](#)**Updates:**

RFC 1035

**RFC 2842 (Obsoleted)****Description:**

Capabilities Advertisement with BGP-4.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**<http://tools.ietf.org/html/rfc2842>



**Obsoleted by:**[RFC 3392](#)**RFC 2827 (Updated)****Description:**

Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing (BCP0038).

**Category:**

Filters (Web, Email, NIDS)

**Webpage:**

<http://tools.ietf.org/html/rfc2827>

**Updated by:**

[RFC 3704](#)

**RFC 2822****Description:**

Internet Message Format.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2822>

**RFC 2796 (Obsoleted)****Description:**

BGP Route Reflection - An Alternative to Full Mesh IBGP.

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc2796>

**Obsoleted by:**

[RFC 4456](#)

## RFC 2784

**Description:**

Generic Routing Encapsulation (GRE).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2784>

## RFC 2780

**Description:**

IANA Allocation Guidelines for the Protocol Field.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2780>

## RFC 2740 (Obsoletd)

**Description:**

OSPF for IPv6.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc2740>

**Obsoletd by:**

[RFC 5340](#)

## RFC 2675

**Description:**

IPv6 Jumbograms.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2675>

**Obsoletes:**

RFC 2147

**RFC 2665 (Obsoleted)****Description:**

Definitions of Managed Objects for the Ethernet-like Interface Types.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2665>

**Obsoleted by:**

[RFC 3635](#)

**Obsoletes:**

RFC 2358

**RFC 2661****Description:**

Layer Two Tunneling Protocol "L2TP".

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2661>

**RFC 2647****Description:**

Benchmarking Terminology for Firewall Performance.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2647>

## RFC 2644

**Description:**

Changing the Default for Directed Broadcasts in Routers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2644>

**Updates:**

RFC 1812

## RFC 2637

**Description:**

Point-to-Point Tunneling Protocol.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2637>

## RFC 2631

**Description:**

Diffie-Hellman Key Agreement Method.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2631>

## RFC 2617

**Description:**

HTTP Authentication: Basic and Digest Access Authentication.

**Category:**

Access (HTTP, TELNET, TFTP, FTP)

**Webpage:**

<http://tools.ietf.org/html/rfc2617>

**Obsoletes:**

RFC 2069

**RFC 2616 (Updated)****Description:**

Hypertext Transfer Protocol -- HTTP/1.1.

**Category:**

Access (HTTP, TELNET, TFTP, FTP)

**Webpage:**

<http://tools.ietf.org/html/rfc2616>

**Updated by:**

[RFC 2817](#)

**RFC 2597 (Updated)****Description:**

Assured Forwarding PHB Group.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2597>

**Updated by:**

[RFC 3260](#)

**RFC 2578****Description:**

Structure of Management Information version 2 (SMIv2) (STD0058).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2578>

## RFC 2548

**Description:**

Microsoft Vendor-specific RADIUS Attributes.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc2548>

## RFC 2545

**Description:**

Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing.

**Category:**

Router Internal BGP (IBGP)

**Webpage:**

<http://tools.ietf.org/html/rfc2545>

## RFC 2547 (Obsoleted)

**Description:**

BGP/MPLS VPNs.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2547>

**Obsoleted by:**

[RFC 4364](#)

## RFC 2543 (Obsoleted)

**Description:**

SIP: Session Initiation Protocol.

**Category:**

Sessions Initiate Protocol (SIP)

**Webpage:**

<http://tools.ietf.org/html/rfc2543>

**Obsoleted by:**

[RFC 3261](#)

**RFC 2535 (Obsoleted) (Updated)****Description:**

Domain Name System Security Extensions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2535>

**Obsoleted by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#)

**Obsoletes:**

[RFC 2065](#)

**Updated by:**

[RFC 2931](#), [RFC 3007](#), [RFC 3008](#), [RFC 3090](#), [RFC 3226](#), [RFC 3445](#), [RFC 3597](#), [RFC 3655](#), [RFC 3658](#), [RFC 3755](#), [RFC 3757](#), [RFC 3845](#)

**Updates:**

[RFC 1034](#), [RFC 1035](#), [RFC 2181](#)

**RFC 2516****Description:**

A Method for Transmitting PPP Over Ethernet (PPPoE) (213945).

**Category:**

Interface (PPPoE, Ethernet)

**Webpage:**

<http://tools.ietf.org/html/rfc2516>

**RFC 2481 (Obsoleted)****Description:**

A Proposal to add Explicit Congestion Notification (ECN) to IP.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2481>

**Obsoleted by:**

RFC 3168

## RFC 2475

**Description:**

An Architecture for Differentiated Services.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2475>

## RFC 2474 (Updated)

**Description:**

Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2474>

**Updated by:**

RFC 3168, RFC 3260

## RFC 2461 (Updated)

**Description:**

Neighbor Discovery for IP version 6 (IPv6).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2461>



**Obsoletes:**

RFC 1455, RFC 1349

**Updated by:**

[RFC 4311](#), [RFC 2474](#), [RFC 2462](#)

**RFC 2460****Description:**

Internet Protocol, version 6 (IPv6) Specification.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2460>

**RFC 2459 (Obsoleted)****Description:**

Internet X.509 Public Key Infrastructure Certificate and CRL Profile.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2459>

**Obsoleted by:**

[RFC 3280](#)

**RFC 2453 (Updated)****Description:**

RIP version 2 (STD0056).

**Category:**

Router (RIP)

**Webpage:**

<http://tools.ietf.org/html/rfc2453>

**Updated by:**

[RFC 4822](#)

## RFC 2451

**Description:**

The ESP CBC-Mode Cipher Algorithm.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2451>

## RFC 2439

**Description:**

BGP Route Flap Damping.

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc2439>

## RFC 2412

**Description:**

The OAKLEY Key Determination Protocol.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2412>

## RFC 2411

**Description:**

IP Security Document Roadmap.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2411>

## RFC 2410

**Description:**

The NULL Encryption Algorithm and its Use with IPsec.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2410>

## RFC 2409

**Description:**

The Internet Key Exchange (IKE).

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2409>

## RFC 2408

**Description:**

Internet Security Association and Key Management Protocol.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2408>

## RFC 2407

**Description:**

The Internet IP Security Domain of Interpretation for ISAKMP.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2407>

## RFC 2406 (Obsoleted)

**Description:**

IP Encapsulating Security Payload (ESP).

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2406>

**Obsoleted by:**

RFC 4303

## RFC 2405

**Description:**

The ESP DES-CBC Cipher Algorithm With Explicit IV.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2405>

**Obsoletes:**

RFC 1829

## RFC 2404

**Description:**

The Use of HMAC-SHA-1-96 within ESP and AH.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2404>

## RFC 2403

**Description:**

The Use of HMAC-MD5-96 within ESP and AH.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2403>

## RFC 2402

**Description:**

IP Authentication Header.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2402>

**Obsoletes:**

RFC 1826

## RFC 2401 (Obsoleted)

**Description:**

Security Architecture for the Internet Protocol.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2401>

**Obsoleted by:**

RFC 4301

## RFC 2385

**Description:**

Protection of BGP Sessions via the TCP MD5 Signature Option.

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc2385>

## RFC 2373 (Obsoleted)

**Description:**

IP version 6 Addressing Architecture.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2373>

**Obsoleted by:**

[RFC 3513](#)

## RFC 2370 (Updated)

**Description:**

The OSPF Opaque LSA Option.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc2370>

**Updated by:**

[RFC 3630](#)

## RFC 2365

**Description:**

Administratively Scoped IP Multicast.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2365>

## RFC 2364

**Description:**

PPP Over AAL5.

**Category:**

Interface (PPPoE, Ethernet)

**Webpage:**

<http://tools.ietf.org/html/rfc2364>

**RFC 2362 (Obsoleted)****Description:**

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification.

**Category:**

Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc2362>

**Obsoleted by:**

[RFC 4601](#)

**Obsoletes:**

[RFC 2117](#)

**RFC 2358 (Obsoleted)****Description:**

Definitions of Managed Objects for the Ethernet-like Interface Types.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2358>

**Obsoleted by:**

[RFC 2665](#)

**RFC 2338 (Obsoleted)****Description:**

Virtual Router Redundancy Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2338>

**Obsoleted by:**

[RFC 3768](#), [RFC 5798](#)

**RFC 2328 (Updated)****Description:**

OSPF version 2 (STD0054).

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc2328>

**Updated by:**

[RFC 5709](#), [RFC 6549](#), [RFC 6845](#), [RFC 6860](#)

**Obsoletes:**

[RFC 2178](#)

**RFC 2315****Description:**

PKCS #7: Cryptographic Message Syntax version 1.5.

**Category:**

Cryptography (VPN)

**Webpage:**

<http://tools.ietf.org/html/rfc2315>

**RFC 2308 (Updated)****Description:**

Negative Caching of DNS Queries (DNS NCACHE).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2308>



**Updated by:**

[RFC 4033](#), [RFC 4034](#), [RFC 4035](#), [RFC 6604](#)

**Updates:**

[RFC 1034](#), [RFC 1035](#)

**RFC 2267 (Obsoleted)****Description:**

Network Ingress Filtering: Defeating Denial of Service Attacks which employ IP Source Address Spoofing.

**Category:**

Filters (Web, Email, NIDS)

**Webpage:**

<http://tools.ietf.org/html/rfc2267>

**Obsoleted by:**

[RFC 2827](#)

**RFC 2251 (Obsoleted) (Updated)****Description:**

Lightweight Directory Access Protocol (v3).

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc2251>

**Obsoleted by:**

[RFC 4511](#), [RFC 2865](#)

**Updated by:**

[RFC 2868](#), [RFC 3575](#)

**RFC 2246 (Obsoleted) (Updated)****Description:**

The TLS Protocol version 1.0.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2246>

**Obsoleted by:**

[RFC 4346](#)

**Updated by:**

[RFC 3546](#), [RFC 5746](#), [RFC 6176](#)

**RFC 2236 (Obsoleted)****Description:**

Internet Group Management Protocol, version 2.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2236>

**Obsoleted by:**

[RFC 3376](#)

**RFC 2233 (Obsoleted)****Description:**

The Interfaces Group MIB using SMIv2.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2233>

**Obsoleted by:**

[RFC 2863](#)

**RFC 2231****Description:**

TMIME Parameter Value and Encoded Word Extensions: Character Sets, Languages, and Continuations (280039).

**Category:**

Standards Track

**Webpage:**

<http://tools.ietf.org/html/rfc2231>

**RFC 2225****Description:**

Classical IP and ARP over ATM.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2225>

**RFC 2185****Description:**

Routing Aspects of IPv6 Transition.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc2185>

**RFC 2181 (Updated)****Description:**

Clarifications to the DNS Specification.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2181>

**Updated by:**

[RFC 2535](#), [RFC 4033](#), [RFC 4034](#), [RFC 4035](#), [RFC 4343](#)

**RFC 2178 (Obsoleted)****Description:**

OSPF version 2.

**Category:**

OSPFv2

**Webpage:**<http://tools.ietf.org/html/rfc2178>**Obsoletes:**

RFC 1583

**Obsoleted by:**[RFC 2328](#)**RFC 2137 (Obsoleted)****Description:**

Secure Domain Name System Dynamic Update.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**<http://tools.ietf.org/html/rfc2137>**Obsoleted by:**[RFC 3007](#)**Updates:**

RFC 1035

**RFC 2136 (Updated)****Description:**

Dynamic Updates in the Domain Name System (DNS UPDATE).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**<http://tools.ietf.org/html/rfc2136>**Updated by:**[RFC 3007](#), [RFC 4033](#), [RFC 4034](#), [RFC 4035](#)**Updates:**

RFC 1035

## RFC 2131 (Updated)

**Description:**

Dynamic Host Configuration Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2131>

**Updated by:**

[RFC 3396](#), [RFC 4361](#)

## RFC 2117 (Obsoleted)

**Description:**

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification.

**Category:**

Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc2117>

**Obsoleted by:**

[RFC 2362](#)

## RFC 2104

**Description:**

HMAC: Keyed-Hashing for Message Authentication.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc2104>

## RFC 2085

**Description:**

HMAC-MD5 IP Authentication with Replay Prevention.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc2085>

**RFC 2082 (Obsoleted)****Description:**

RIP-2 MD5 Authentication.

**Category:**

Router (RIP)

**Webpage:**

<http://tools.ietf.org/html/rfc2082>

**Obsoleted by:**

[RFC 4822](#)

**RFC 2072****Description:**

Router Renumbering Guide.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2072>

**RFC 2071****Description:**

Network Renumbering Overview: Why would I want it and what is it anyway?

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2071>

## RFC 2068 (Obsoleted)

**Description:**

Hypertext Transfer Protocol -- HTTP/1.1.

**Category:**

Access (HTTP, TELNET, TFTP, FTP)

**Webpage:**

<http://tools.ietf.org/html/rfc2068>

**Obsoleted by:**

[RFC 2616](#)

## RFC 2065 (Obsoleted)

**Description:**

Domain Name System Security Extensions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2065>

**Obsoleted by:**

[RFC 2535](#)

**Updates:**

[RFC 1034](#), [RFC 1035](#)

## RFC 2033 (Updated)

**Description:**

IP Encapsulation within IP.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc2033>

**Updated by:**

[RFC 3168](#), [RFC 6864](#)

## RFC 2027

**Description:**

IAB and IESG Selection, Confirmation, and Recall Process: Operation of the Nominating and Recall Committees.

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc2027>

## RFC 2013 (Obsoleted)

**Description:**

SNMPv2 Management Information Base for the User Datagram Protocol using SMIPv2.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2233>

**Obsoleted by:**

[RFC 4113](#)

## RFC 2012 (Obsoleted)

**Description:**

SNMPv2 Management Information Base for the Transmission Control Protocol using SMIPv2.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2012>

**Obsoleted by:**

[RFC 4022](#)

## RFC 2011 (Obsoleted)

**Description:**

SNMPv2 Management Information Base for the Internet Protocol using SMIPv2.



**Category:**

SNMP

**Webpage:**<http://tools.ietf.org/html/rfc2011>**Obsoleted by:**

RFC 4293

## RFC 1997

**Description:**

BGP Communities Attribute.

**Category:**

Router (BGP)

**Webpage:**<http://tools.ietf.org/html/rfc1997>

## RFC 1996

**Description:**

A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**<http://tools.ietf.org/html/rfc1996>**Updates:**

RFC 1035

## RFC 1995

**Description:**

Incremental Zone Transfer in DNS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**<http://tools.ietf.org/html/rfc1995>

**Updates:**

RFC 1035

**RFC 1982****Description:**

Serial Number Arithmetic.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1982>

**Updates:**

RFC 1034, RFC 1035

**RFC 1981****Description:**

Path MTU Discovery for IP version 6.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1981>

**RFC 1945****Description:**

Hypertext Transfer Protocol -- HTTP/1.0.

**Category:**

Access (HTTP, TELNET, TFTP, FTP)

**Webpage:**

<http://tools.ietf.org/html/rfc1945>

**RFC 1933 (Obsoleted)****Description:**

Transition Mechanisms for IPv6 Hosts and Routers.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc1933>

**Obsoleted by:**

[RFC 2893](#)

## RFC 1930

**Description:**

Guidelines for creation, selection, and registration of an Autonomous System (AS).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1930>

## RFC 1918

**Description:**

Address Allocation for Private Internets (BCP0005).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1918>

## RFC 1883

**Description:**

Internet Protocol, version 6 (IPv6).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1883>

## RFC 1876

**Description:**

A Means for Expressing Location Information in the Domain Name System.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1876>

**Updates:**

RFC 1034, RFC 1035

## RFC 1867 (Obsoleted)

**Description:**

Form-based File Upload in HTML.

**Category:**

Access (HTTP, TELNET, TFTP, FTP)

**Webpage:**

<http://tools.ietf.org/html/rfc1867>

**Obsoleted by:**

[RFC 2854](#)

## RFC 1866 (Obsoleted)

**Description:**

Hypertext Markup Language, - 2.0.

**Category:**

Access (HTTP, TELNET, TFTP, FTP)

**Webpage:**

<http://tools.ietf.org/html/rfc1866>

**Obsoleted by:**

[RFC 2854](#)

## RFC 1829 (Obsoleted)

**Description:**

The ESP DES-CBC Transform.

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc1829>

**Obsoleted by:**

[RFC 2405](#)

## RFC 1812 (Updated)

**Description:**

Requirements for IP version 4 Routers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1812>

**Updated by:**

[RFC 2644](#), [RFC 6633](#)

## RFC 1777 (Obsoleted)

**Description:**

Lightweight Directory Access Protocol.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/rfc1777>

**Obsoleted by:**

[RFC 3494](#)

## RFC 1772

**Description:**

Application of the Border Gateway Protocol in the Internet.

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc1772>

**Obsoletes:**

RFC 1655

## RFC 1771 (Obsoleted)

**Description:**

Border Gateway Protocol 4 (BGP-4).

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc1771>

**Obsoleted by:**

[RFC 4271](#)

## RFC 1765

**Description:**

OSPF Database Overflow.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc1765>

## RFC 1752

**Description:**

The Recommendation for the IP Next Generation Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1752>

## RFC 1724

**Description:**

RIP version 2 MIB Extension.

**Category:**

Router (RIP)

**Webpage:**

<http://tools.ietf.org/html/rfc1724>

## RFC 1723 (Obsoleted)

**Description:**

RIP version 2 - Carrying Additional Information (STD0056).

**Category:**

Router (RIP)

**Webpage:**

<http://tools.ietf.org/html/rfc1723>

**Obsoleted by:**

[RFC 2453](#)

## RFC 1706

**Description:**

DNS NSAP Resource Records.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1706>

**Obsoletes:**

RFC 1637, RFC 1348

**RFC 1700 (Obsoleted)****Description:**

Assigned Numbers (STD0002).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1700>

**Obsoleted by:**

[RFC 3232](#)

**RFC 1661 (Updated)****Description:**

The Point-to-Point Protocol (PPP) (STD0051).

**Category:**

Interface (PPPoE, Ethernet)

**Webpage:**

<http://tools.ietf.org/html/rfc1661>

**Updated by:**

[RFC 2153](#)

**RFC 1655 (Obsoleted)****Description:**

Application of the Border Gateway Protocol in the Internet.

**Category:**

Router (BGP)

**Webpage:**

<http://tools.ietf.org/html/rfc1655>

**Obsoleted by:**

[RFC 1772](#)



## RFC 1637 (Obsoleted)

**Description:**

DNS NSAP Resource Records.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1637>

**Obsoleted by:**

[RFC 1706](#)

**Obsoletes:**

[RFC 1348](#)

## RFC 1631 (Obsoleted)

**Description:**

The IP Network Address Translator (NAT).

**Category:**

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc1631>

**Obsoleted by:**

[RFC 3022](#)

## RFC 1577 (Obsoleted)

**Description:**

Classical IP and ARP over ATM.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1577>

**Obsoleted by:**

[RFC 2225](#)

## RFC 1573

**Description:**

Evolution of the Interfaces Group of MIB-II.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1573>

**Obsoletes:**

RFC 1229

## RFC 1583 (Obsoleted)

**Description:**

Classless Inter-Domain Routing (CIDR): an Address Assignment and Aggregation Strategy.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1583>

**Obsoletes:**

RFC 1247

**Obsoleted by:**

[RFC 2178](#)

## RFC 1519 (Obsoleted)

**Description:**

Classless Inter-Domain Routing (CIDR): an Address Assignment and Aggregation Strategy.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1519>

**Obsoleted by:**

[RFC 4632](#)

## RFC 1455 (Obsoleted)

**Description:**

Physical Link Security Type of Service.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1455>

**Obsoleted by:**

[RFC 2474](#)

## RFC 1422

**Description:**

Privacy Enhancement for Internet Electronic Mail: Part II: Certificate-based Key Management.

**Category:**

Filters (Web, Email, NIDS)

**Webpage:**

<http://tools.ietf.org/html/rfc1422>

**Obsoletes:**

[RFC 1114](#)

## RFC 1413

**Description:**

Identification Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1413>

**Obsoletes:**

[RFC 931](#)

## RFC 1388 (Obsoleted)

**Description:**

RIP version 2 - Carrying Additional Information.

**Category:**

Router (RIP)

**Webpage:**

<http://tools.ietf.org/html/rfc1388>

**Obsoleted by:**

[RFC 1723](#)

## RFC 1370

**Description:**

Applicability Statement for OSPF.

**Category:**

Router (OSPF)

**Webpage:**

<http://tools.ietf.org/html/rfc1370>

## RFC 1349 (Obsoleted)

**Description:**

Type of Service in the Internet Protocol Suite.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1349>

**Obsoleted by:**

[RFC 2474](#)

**Updates:**

[RFC 1248](#), [RFC 1247](#), [RFC 1195](#), [RFC 1123](#), [RFC 1122](#), [RFC 1060](#), [RFC 791](#)

## RFC 1348 (Obsoleted)

**Description:**

DNS NSAP RRs.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1348>

**Obsoleted by:**

[RFC 1637](#)

**Updates:**

RFC 1034, RFC 1035

## RFC 1340 (Obsoleted)

**Description:**

Assigned Numbers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1340>

**Obsoleted by:**

[RFC 1700](#)

## RFC 1323

**Description:**

TCP Extensions for High Performance.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1323>

## RFC 1321

**Description:**

The MD5 Message-Digest Algorithm.

**Category:**

Router (OSPF)

VPN (IPsec, PPTP, L2TP)

**Webpage:**

<http://tools.ietf.org/html/rfc1321>

## RFC 1305

**Description:**

Network Time Protocol (version 3) Specification, Implementation, and Analysis (STD0012).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1305>

## RFC 1253 (Obsoleted)

**Description:**

OSPF version 2 Management Information Base.

**Category:**

OSPFv2

**Webpage:**

<http://tools.ietf.org/html/rfc1253>

**Obsoletes:**

RFC 1252

**Obsoleted by:**

[RFC 1850](#)

**RFC 1252 (Obsoleted)****Description:**

OSPF version 2 Management Information Base.

**Category:**

OSPFv2

**Webpage:**

<http://tools.ietf.org/html/rfc1252>

**Obsoletes:**

RFC 1248

**Obsoleted by:**

[RFC 1253](#)

**RFC 1248 (Obsoleted) (Updated)****Description:**

OSPF version 2 Management Information Base.

**Category:**

OSPFv2

**Webpage:**

<http://tools.ietf.org/html/rfc1248>

**Updated by:**

[RFC 1349](#)

**Obsoleted by:**

[RFC 1252](#)

**RFC 1247 (Obsoleted) (Updated)****Description:**

OSPF version 2.

**Category:**

OSPFv2

**Webpage:**

<http://tools.ietf.org/html/rfc1247>

**Obsoletes:**

RFC 1131

**Updated by:**[RFC 1349](#)**Obsoleted by:**[RFC 1583](#)

## RFC 1238

**Description:**

CLNS MIB for use with Connectionless Network Protocol (ISO 8473) and End System to Intermediate System (ISO 9542).

**Category:**

Router (IS-IS)

**Webpage:**<http://tools.ietf.org/html/rfc1238>**Obsoletes:**

RFC 1162

## RFC 1215

**Description:**

Convention for defining traps for use with the SNMP (applies to MIB files only).

**Category:**

SNMP

**Webpage:**<http://tools.ietf.org/html/rfc1215>

## RFC 1213 (Updated)

**Description:**

Management Information Base for Network Management of TCP/IP-based internets:MIB-II (STD0017).

**Category:**

SNMP



**Webpage:**

<http://tools.ietf.org/html/rfc1213>

**Updated by:**

[RFC 2011](#), [RFC 2012](#), [RFC 2013](#)

## RFC 1212

**Description:**

Concise MIB definitions (STD0016) (applies to MIB files only).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1212>

## RFC 1195 (Updated)

**Description:**

Use of OSI IS-IS for Routing in TCP/IP and Dual Environments Routing (Transition from IPv4 to IPv6).

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc1195>

**Updated by:**

[RFC 1349](#)

## RFC 1191

**Description:**

Path MTU discovery.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1191>

## RFC 1183 (Updated)

**Description:**

New DNS RR Definitions.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1183>

**Updated by:**

[RFC 5395](#), [RFC 5864](#), [RFC 6195](#), [RFC 6895](#)

**Updates:**

[RFC 1034](#), [RFC 1035](#)

## RFC 1162 (Obsoleted)

**Description:**

Connectionless Network Protocol and End System to Intermediate System.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc1162>

**Obsoleted by:**

[RFC 1238](#)

## RFC 1157

**Description:**

Simple Network Management Protocol (SNMP) (STD0015) (HISTORIC).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1157>

## RFC 1156

**Description:**

Management Information Base for network management of TCP/IP-based internets (HISTORIC).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1156>

## RFC 1155

**Description:**

Structure and Identification of Management Information for TCP/IPbased Internets (STD0016).

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1155>

## RFC 1149

**Description:**

A Standard for the Transmission of IP Datagrams on Avian Carriers

**Category:**

Informational

**Webpage:**

<http://tools.ietf.org/html/rfc1149>

## RFC 1142

**Description:**

OSI IS-IS Intra-domain Routing Protocol.

**Category:**

Router (IS-IS)

**Webpage:**

<http://tools.ietf.org/html/rfc1142>

## RFC 1123 (Updated)

**Description:**

Requirements for Internet Hosts - Application and Support (STD0003).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1123>

**Updated by:**

[RFC 1349](#), [RFC 2181](#)

## RFC 1122 (Updated)

**Description:**

Requirements for Internet Hosts -- Communication Layers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1122>

**Updated by:**

[RFC 1349](#), [RFC 4379](#), [RFC 5884](#), [RFC 6093](#), [RFC 6298](#), [RFC 6633](#), [RFC 6864](#)

## RFC 1119 (Obsoleted)

**Description:**

Network Time Protocol (version 2) Specification and Implementation (STD0012).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1119>

**Obsoleted by:**

[RFC 1305](#)

## RFC 1112 (Updated)

**Description:**

Host Extensions for IP Multicasting (STD0005).

**Category:**

Router (PIM)

**Webpage:**

<http://tools.ietf.org/html/rfc1112>

**Updated by:**

[RFC 2236](#)

## RFC 1101

**Description:**

DNS Encoding of Network Names and Other Types.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1101>

**Updates:**

RFC 1034, RFC 1035

## RFC 1060 (Obsoleted)

**Description:**

Assigned Numbers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1060>

**Obsoleted by:**

[RFC 1340](#)

**Obsoletes IENs:**

127, 117, 93

**Updates:**

RFC 1010, RFC 990, RFC 960, RFC 943, RFC 923, RFC 900, RFC 870, RFC 820, RFC 790, RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**RFC 1058 (Updated)****Description:**

Routing Information Protocol.

**Category:**

Router (RIP)

**Webpage:**

<http://tools.ietf.org/html/rfc1058>

**Updated by:**

[RFC 1388](#), [RFC 1723](#)

**RFC 1035 (Updated)****Description:**

DOMAIN NAMES - IMPLEMENTATION AND SPECIFICATION.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1035>

**Obsoletes:**

[RFC 882](#), [RFC 883](#), [RFC 973](#)

**Updated by:**

[RFC 1101](#), [RFC 1183](#), [RFC 1348](#), [RFC 1876](#), [RFC 1982](#), [RFC 1995](#), [RFC 1996](#), [RFC 2065](#), [RFC 2136](#), [RFC 2181](#), [RFC 2137](#), [RFC 2308](#), [RFC 2535](#), [RFC 2845](#), [RFC 3425](#), [RFC 3658](#), [RFC 4033](#), [RFC 4034](#), [RFC 4035](#), [RFC 4343](#), [RFC 5936](#), [RFC 5966](#), [RFC 6604](#)

**RFC 1034 (Updated)****Description:**

DOMAIN NAMES - CONCEPTS AND FACILITIES.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1034>

**Obsoletes:**

RFC 882, RFC 883, RFC 973

**Updated by:**

[RFC 1101](#), [RFC 1183](#), [RFC 1348](#), [RFC 1876](#), [RFC 1996](#), [RFC 2065](#), [RFC 2181](#), [RFC 2308](#), [RFC 2535](#), [RFC 4033](#), [RFC 4034](#), [RFC 4035](#), [RFC 4343](#), [RFC 4592](#), [RFC 5936](#)

## **RFC 1011 (Updated)**

**Description:**

OFFICIAL INTERNET PROTOCOLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1011>

**Obsoletes:**

RFC 991, RFC 961, RFC 943, RFC 924, RFC 901, RFC 880, RFC 840

**Updated by:**

[RFC 6093](#)

## **RFC 1010 (Obsoleted)**

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc1010>

**Obsoletes:**

[RFC 990](#), [RFC 960](#), [RFC 943](#), [RFC 923](#), [RFC 900](#), [RFC 870](#), [RFC 820](#), [RFC 790](#), [RFC 776](#), [RFC 770](#), [RFC 762](#), [RFC 758](#), [RFC 755](#), [RFC 750](#), [RFC 739](#), [RFC 604](#), [RFC 503](#), [RFC 433](#), [RFC 349](#)

**Obsoleted by:**

[RFC 1060](#)

## RFC 991 (Obsoleted)

**Description:**

OFFICIAL ARPA-INTERNET PROTOCOLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc991>

**Obsoletes:**

RFC 961, RFC 943, RFC 924, RFC 901, RFC 880, RFC 840

**Obsoleted by:**

[RFC 1011](#)

## RFC 990 (Obsoleted)

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc990>

**Obsoletes:**

RFC 960, RFC 943, RFC 923, RFC 900, RFC 870, RFC 820, RFC 790, RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 1010](#)

## RFC 973 (Obsoleted)

**Description:**

Domain System Changes and Observations.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc973>



**Obsoleted by:**

[RFC 1034](#), [RFC 1035](#)

**RFC 961 (Obsoleted)****Description:**

OFFICIAL ARPA-INTERNET PROTOCOLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc961>

**Obsoletes:**

[RFC 943](#), [RFC 924](#), [RFC 901](#), [RFC 880](#), [RFC 840](#)

**Obsoleted by:**

[RFC 991](#)

**RFC 960 (Obsoleted)****Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc960>

**Obsoletes:**

[RFC 943](#), [RFC 923](#), [RFC 900](#), [RFC 870](#), [RFC 820](#), [RFC 790](#), [RFC 776](#), [RFC 770](#), [RFC 762](#), [RFC 758](#), [RFC 755](#), [RFC 750](#), [RFC 739](#), [RFC 604](#), [RFC 503](#), [RFC 433](#), [RFC 349](#)

**Obsoleted by:**

[RFC 990](#)

**RFC 950 (Updated)****Description:**

Internet Standard Subnetting Procedure.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc950>

**Updated by:**

[RFC 6918](#)

**RFC 944 (Obsoleted)****Description:**

OFFICIAL ARPA-INTERNET PROTOCOLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc944>

**Obsoletes:**

RFC 924, RFC 901, RFC 880, RFC 840

**Obsoleted by:**

[RFC 961](#)

**RFC 943 (Obsoleted)****Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc943>

**Obsoletes:**

RFC 923, RFC 900, RFC 870, RFC 820, RFC 790, RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 960](#)

**RFC 924 (Obsoleted)****Description:**

OFFICIAL ARPA-INTERNET PROTOCOLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc924>

**Obsoletes:**

RFC 901, RFC 880, RFC 840

**Obsoleted by:**

[RFC 944](#)

## **RFC 923 (Obsoleted)**

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc923>

**Obsoletes:**

RFC 900, RFC 870, RFC 820, RFC 790, RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 943](#)

## **RFC 901 (Obsoleted)**

**Description:**

OFFICIAL ARPA-INTERNET PROTOCOLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc901>

**Obsoletes:**

RFC 880, RFC 840

**Obsoleted by:**

[RFC 924](#)

## RFC 900 (Obsoleted)

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc900>

**Obsoletes:**

RFC 870, RFC 820, RFC 790, RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 923](#)

## RFC 896

**Description:**

Congestion Control in IP/TCP Internetworks.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc896>

## RFC 894

**Description:**

Standard for the transmission of IP datagrams over Ethernet networks (STD0041).

**Category:**

Interface (PPPoE, Ethernet)

**Webpage:**

<http://tools.ietf.org/html/rfc894>

## RFC 883 (Obsoleted) (Updated)

**Description:**

DOMAIN NAMES - IMPLEMENTATION and SPECIFICATION.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc883>

**Updated by:**

RFC 973

**Obsoleted by:**

RFC 1034, RFC 1035

**RFC 882 (Obsoleted) (Updated)****Description:**

DOMAIN NAMES - CONCEPTS and FACILITIES.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc882>

**Updated by:**

RFC 973

**Obsoleted by:**

RFC 1034, RFC 1035

**RFC 880 (Obsoleted)****Description:**

OFFICIAL PROTOCOLS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc880>

**Obsoletes:**

RFC 840

**Obsoleted by:**

RFC 901

## RFC 870 (Obsoleted)

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc870>

**Obsoletes:**

RFC 820, RFC 790, RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 900](#)

## RFC 862

**Description:**

Echo Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc862>

## RFC 840 (Obsoleted)

**Description:**

Official Protocols.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc840>

**Obsoleted by:**

RFC 880

## RFC 822 (Obsoleted)

**Description:**

Standard for the format of ARPA Internet text messages (STD0011).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc822>

**Obsoleted by:**

[RFC 2822](#)

## RFC 820 (Obsoleted)

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc820>

**Obsoletes:**

RFC 790, RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 870](#)

## RFC 793 (Updated)

**Description:**

Transmission Control Protocol (STD0007).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc793>

**Updated by:**

[RFC 3168](#), [RFC 6093](#)

**Updates:**

RFC 882, RFC 883

**RFC 792 (Updated)****Description:**

Internet Control Message Protocol (STD0005).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc792>

**Updated by:**

RFC 950, RFC 6633, RFC 6918

**RFC 791 (Updated)****Description:**

Internet Protocol (STD0005).

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc791>

**Updated by:**

RFC 1349, RFC 2474, RFC 6864

**RFC 790 (Obsoleted)****Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc790>

**Obsoletes:**

RFC 776, RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC



433, RFC 349

**Obsoleted by:**

[RFC 820](#)

## **RFC 776 (Obsoleted)**

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc776>

**Obsoletes:**

RFC 770, RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 790](#)

## **RFC 770 (Obsoleted)**

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc770>

**Obsoletes:**

RFC 762, RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 776](#)

## **RFC 768**

**Description:**

User Datagram Protocol.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc768>

**RFC 762 (Obsoleted)****Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc762>

**Obsoletes:**

RFC 758, RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 770](#)

**RFC 758 (Obsoleted)****Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc758>

**Obsoletes:**

RFC 755, RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 762](#)

**RFC 755 (Obsoleted)****Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc755>

**Obsoletes:**

RFC 750, RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 758](#)

## **RFC 750 (Obsoleted)**

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc750>

**Obsoletes:**

RFC 739, RFC 604, RFC 503, RFC 433, RFC 349

**Obsoleted by:**

[RFC 755](#)

## **RFC 739 (Obsoleted)**

**Description:**

ASSIGNED NUMBERS.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc739>

**Obsoletes:**

RFC 604

**Obsoleted by:**

[RFC 750](#)

**RFC 604 (Obsoleted)****Description:**

Assigned Link Numbers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc604>

**Obsoleted by:**

[RFC 739](#)

**RFC 503 (Obsoleted)****Description:**

Socket Number List.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc503>

**Obsoleted by:**

[RFC 739](#)

**RFC 433 (Obsoleted)****Description:**

Socket Number List.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc433>

**Obsoleted by:**

[RFC 503](#)

## RFC 349 (Obsoleted)

**Description:**

Proposed Standard Socket Numbers.

**Category:**

System (IP, TCP, UDP, ICMP, NTP, DNS, DHCP)

**Webpage:**

<http://tools.ietf.org/html/rfc349>

**Obsoleted by:**

RFC 433

## PKCS #12

**Description:**

Personal Information Exchange Syntax Standard.

**Category:**

Cryptography (VPN)

**Webpage:**

<http://tools.ietf.org/html/draft-moriarty-pkcs12v1-1-01>

## draft-grant-tacacs-02.txt

**Description:**

The TACACS+ Protocol version 1.78.

**Category:**

User (RADIUS, LDAP)

**Webpage:**

<http://tools.ietf.org/html/draft-grant-tacacs-02>

## Notes

### RFC 2543

**Description:**

SIP: Session Initiation Protocol.

**Details:**

The RFC 2543 branch CLI keyword of the config application list command has been added in FortiOS 4.0MR1 to support RFC 2543 due to SIP calls involving branch commands that are missing or that are valid for RFC 2543 but invalid for RFC 3261.

**Webpage:**

<http://tools.ietf.org/html/rfc2543>

**RFC 2138****Description:**

Remote Authentication Dial In User Service (RADIUS) and RFC RADIUS Accounting.

**Details:**

Description of the config user profile-attribute command. RADIUS attribute used to hold the firewall protection profile name.

**Webpage:**

<http://tools.ietf.org/html/rfc2138>

**RFC 2132****Description:**

DHCP Options and BOOTP Vendor Extensions.

**Details:**

The option1, option2, and option3 keywords are available in the system dhcp server CLI command.

FortiOS 4.0 MR1 implements the RAW profile of RFC 3195 (Reliable Delivery for syslog). You can configure this feature only in the CLI.

Proxy ARP is defined in RFC 1027

**Webpage:**

<http://tools.ietf.org/html/rfc2132>

**RFC 2080****Description:**

RIPng for IPv6.

**Details:**

The command "router ripng" has been added in FortiOS 4.0MR1 to configure FortiGate support for RIPng. RIPng is the next generation (ng) version of RIP that supports IPv6.

**Webpage:**

<http://tools.ietf.org/html/rfc2080>

**RFC 1966****Description:**

Internal BGP (IBGP) route reflectors.

**Details:**

The FortiGate unit can operate as a route reflector or participate as a client in a cluster of IBGP peers.

**Webpage:**

<http://tools.ietf.org/html/rfc1966>

**RFC 1583****Description:**

TOS Application Routing.

**Details:**

TOS Application Routing is supported by OSPF routing. RFC 1583 compatibility can be enabled or disabled from CLI.

**Webpage:**

<http://tools.ietf.org/html/rfc1583>

# FortiSwitch

## RFC 3289

**Description:**

DIFFSERV-DSCP-TC.  
DIFFSERV-MIB.  
QOS-DIFFSERV-EXTENSIONS-MIB.  
QOS-DIFFSERV-PRIVATE-MIB.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc3289>

## RFC 2934

**Description:**

PIM-MIB.  
DVMRP-STD-MIB.  
IANA-RTPROTO-MIB.  
MULTICAST-MIB.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc2934>

## RFC 2932

**Description:**

IPMROUTE-MIB.  
Fortinet Enterprise MIB.  
ROUTING-MIB.  
MGMD-MIB.

**Category:**

MIB



**Webpage:**

<http://tools.ietf.org/html/rfc2932>

## RFC 2819

**Description:**

Remote Network Monitoring Management Information Base.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2819>

## RFC 2787

**Description:**

Definitions of Managed Objects for the Virtual Router Redundancy Protocol.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc2787>

## RFC 2674

**Description:**

Definitions of Managed Objects for Bridges with Traffic Classes, Multicast Filtering and Virtual LAN Extensions.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc2674>

## RFC 2620

**Description:**

Radius-Acc-Client-MIB.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc2620>

**RFC 2618****Description:**

Radius-Auth-Client-MIB.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc2618>

**RFC 2576****Description:**

Coexistence between SNMPs.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2576>

**RFC 2573****Description:**

SNMP Applications.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2573>

**RFC 2572****Description:**

Message Processing for SNMP.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2572>

## RFC 2571

**Description:**

SNMP Frameworks.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2571>

## RFC 2362

**Description:**

Protocol Independent Multicast-Sparse Mode (PIM-SM): Protocol Specification.

**Category:**

Router (PIM SM)

**Webpage:**

<http://tools.ietf.org/html/rfc2362>

## RFC 2328

**Description:**

OSPF version 2.

**Category:**

OSPF

**Webpage:**

<http://tools.ietf.org/html/rfc2328>

## RFC 2233

**Description:**

Interface MIB.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc2233>

**RFC 1850****Description:**

OSPF-TRAP-MIB.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc1850>

**RFC 1724****Description:**

RIPv2-MIB.

**Category:**

MIB

**Webpage:**

<http://tools.ietf.org/html/rfc1724>

**RFC 1643****Description:**

Ether-like MIB.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1643>

**RFC 1583****Description:**

OSPF version 2.

**Category:**

OSPF

**Webpage:**

<http://tools.ietf.org/html/rfc1583>

**RFC 1493****Description:**

Bridge.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1493>

**RFC 1213****Description:**

MIB II parts that apply to FortiSwitch 100 units.

**Category:**

SNMP

**Webpage:**

<http://tools.ietf.org/html/rfc1213>

## FortiWeb

For a complete list of FortiWeb's supported RFCs and standards, refer to FortiWeb documentation at <http://docs.fortinet.com/fortiweb/admin-guides>.

Download the FortiWeb Administration Guide for your release and navigate to the appendix labelled "Supported RFCs, W3C, & IEEE standards".



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